G. R. S. 59]

GPB—15,000—22-7-14

GENERAL AND REVENUE SECRETARIAT.

1896-97.
(Municipal)

File No. 20

Serial Nos. 1—12

B
~~Papers Filed.~~

Month ~~September~~ 02.

SUBJECT.

Maintenance Charges of the Chamraj Bazar Water Works.

PREVIOUS REFERENCES

LATER REFERENCES

Indexed
S.C.Job.

No

From

The Secretary to Govt
The Chief Engineer Mysore PWD
Bangalore.

To The Secretary to
the Govt of
Public Works Dept

Dated Bangalore 23rd March 1897

Despatched

Enclosure No 1 Estimate
1 Report
1 Copy of letter

Subject.

Forwarding for disposal
Rs estimate of Rs 33,721 Incl.
-uding for the working
expenses for 12 months for
the Chamraj Water Supply
Works &c.

Rec'd 30/3/97

MYSORE P. W. DEPARTMENT,

CENTRAL OFFICE,

No. 127 / 1253.

Bangalore, 22nd March 1897.

From The Secretary to the Government
~~Chief Engineer~~ of Mysore,
Bangalore.

To The Secretary
to the Government of Mysore.
General and Revenue Department.

SIR,

I have the honor to enclose an abstract of para 4 of this office note of 27th October 1876 to the Revenue on which he has endorsed that the working charges on account of the Bhadra Water Supply Work, up to 31st December 1896, should be debited to the scheme for those works, and that I should address you, demanding the working expenses from the 1st January 1897.

I accordingly forward the enclosed Estimate of Rs 38,721, providing for working expense for 12 months together with copy of a note thereon

by

[illegible] the [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]

Estimate No 41 of
Chamaraj water supply Project.

Estimate of the probable cost of working
Expenses of the head works of the Chamaraj
water supply Project for the year 1897-98

Reference

Public work Secretary's No 1044/6698 dated 16th
December 1896. — Report.

The Estimate provides for the
pumping of 11,72000 gallons daily
the average Consumption has been
hitherto only 3,25000 gallons daily
from the Service Tanks at the
race Course and this added to
4,00000 gallons for the temporary
supply of the Civil & Military
Station will amount to 7,25000
gallons. The high ground supp=
=ply will probably require
32000 gallons daily or in all
757000 gallons. The Engines make
on an average 64 strokes per
minute and will thus pump daily
11,72000 gallons in 24 hours and
will more than compensate for
the

Engineer informs me that after frequent trial it has been found that at a slower rate than 64 strokes per minute the Engines do not work satisfactorily. JWS.

N.B.
Each stroke of the pumps delivers nearly 12 gallons. —

the loss through leakage and the probable increase in the daily Consumption when the distribution is extended and house connections established. I have therefore based my estimate on the basis of one engine working continuously for 24 hours daily. The data for fuel was obtained from the results of actually working for the least 6 months working at the rate of 64 Strokes per minute, the engine develops 75.2 pumps horse power per hour and to this must be added Electric Engines 48 H.P. ~~per hour~~ in 12 hours and working engine about the same or on an average 1.5 H.P. per hour during the 24 hours. The total H.P. therefore will come to 75.2 + 1.5 = 76.7 H.P. Two thousand six hundred and sixty eight tons (26 ? 1) tons 1. for one year gives 682 lbs per hour or an average 8. lbs per H.P. per hour, fuel being issued by measurement. The consumption is I think fairly

6

satisfactory when it is remembered that the loss in weight through drying is not less than 30 per cent.

Lubricant – Figures for this were given by Mr Porter and the estimated amount is for the use of the pumps dynamo engine workshop engine & machine tools.

Small stores – This has been based partly on previous experience and it is anticipated that the estimated amount will be just sufficient.

Repairs & Renewals – As the engines are new there will not be much to be done in the way of repairs except renewing gauge glasses, springs, and other rapidly wearing parts, I am therefore of opinion that L.S. Rs 500 will probably suffice.

Establishment – This item calls for no special remarks I have provided a L.S. of Rs 300 for leave allowance and considering

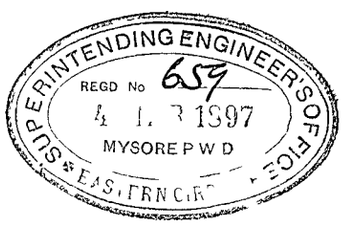
that

the men have to handle com=
=plicated machinery, and work
night and day, they are liable
to accidents and sickness. As
it has been ruled that they
should get half pay during
(i.e) when disabled
such times and as others will
have to be paid for taking
their places, this provision is
made to meet this extra ex=
=penditure.-

Allowances. - The provisions
under various subheads have
been made partly from the
experience gained for the last
6 months. But I beg to state
that the figures must be
only as a rough apper
and may be modified con
=siderably when everything is
perfect working order. I
request that the Chief
Engineer will kindly make
such modifications in the
estimate as he may think
advisable as from want of
previous experience I have

to go by my judgment only

I Purgasaumy dyer


SUPERINTENDING ENGINEER'S OFFICE
REGD No 659
MYSORE P W D
EASTERN CIR

Read -

Letter No. 197/1263 dated 22nd March 1897 and subsequent references from the Chief Engineer of Mysore in regard to the adjustment of the working expenses of the Chamaraja Water Supply Works from the 1st Jan? 1897

Order 784)-3 8/11/12/00
E.7.37-99

The bills and estimates received from the Chief Engineer aboved aggregating to Rs 150789-11-7 as per particulars given in the margin are forwarded to the President of the Munl. Commr. Bangalore City for adjustment.

The Pres?t of M! Comm?r, Bangalore City.
" Comptroller
" Chief Engineer.

(1) No 524/3574 of 2nd August 1897
(2) 781/5785 of 16 November 1897
(4) 2663 of 12th May 1898
(3) 353 of 18th January 1898
(5) No 44920 of 10th August 1898
(6) No 120/852 of 16th Decr 1898
(7) No 234/1213 of 4th March 1899
(8) No 563/2840 of 3rd June 1899
(9) No 6132 of 2nd Decr 1899
(10) No 1024 of 5th March 1900
(11) No 37280 of 25th August 1900

From the Chief Engineer 305 B 21/1/01 & 1306
from the P.W.S Engr 125 B 18/1/01 & 1253
from the Comptroller 1266 B 25/2/01 & 1512 R & 1045

Bill of charges actually incurred from 1st June 1897 to 30th June 1898 for 18 months = Rs 140323-13-8 received with No 44920 of 10/8/98

from 1st July 1898 to 30th June 1899 received with Chief Engr No 6132 of 2/12/99 = 48079-13-11

Estimate for 1899-1900 = 62386-4-4 received with Chief Engr No 6132 of 2/12/99

Total = Rs 150,789-11-7

7950

Office of the Municipal Commission,

City, Bangalore, 18th January 1901.

No. 125

From

THE PRESIDENT,

Municipal Commission,

BANGALORE CITY.

To

THE SECRETARY TO THE GOVERNMENT OF MYSORE,

General and Revenue Departments,

BANGALORE.

Sir,

(Sl22) With reference to Government Order No. 7841-3 of the 11th December 1900 forwarding for adjustment bills amounting to Rs. 1,50,789-11-7 being the working expenses of the Chamaraj Wadiyar Supply works from the 1st January 1897, I beg to be informed from what funds I should adjust the sum. The Government enquired how the Municipality would pay the working expenses of the said works.

The Board proposed to levy a water tax at 3 per Cent on the Rental Value of houses and it was sanctioned recently with effect from the 1st July 1900, – i.e. from the Current year. Steps have now been taken to levy the tax. It may come to about 18,000 ℔s per year. If the Government intended that the said sum of ℔s 160789 – 11 – 6 should be adjusted out of the water-tax that may be collected year after year that will be done.

I have the honor to be,
Sir,
Your most obedient
servant

President.

N&K

L° 4306

815-4 / 25-1-01 189

MYSORE P. W. DEPARTMENT.

(19)

received 29.1.01
file no 814.96

From The Chief Engineer of Mysore

To The Secretary to Government General and Revenue Department

Dated Bangalore, 21st January 1901

Despatched 26/1/01.

No. 365

Enclosure No 1 Estimate / 2 Statement

SUBJECT.

Requesting sanction of Govt to the transfer of the amt of Rs. 67,000 to the City municipality for the maintenance of the Chamarajendra Water Works.

L 7
24.1.01

No 28/1/01
H. Moore
Dng 28/1.
Drawn
Dft 4.2.01

To H.C. Sir
Is this letter to be treated as having been disposed of by the order on (L1283) Ceiling?
Vide H.C. endorsement dated 16/2 Sd/2.

MYSORE P. W. DEPARTMENT,

CENTRAL OFFICE,

No. 3/ Bangalore, 21st January 1901

From The Chief Engineer
of Mysore

To The Secretary to Government of Mysore
General and Revenue Departments

SIR,

With reference to Government Proceedings
No. 7841-3 / P.F. 37-99 of the 11th ultimo, I have the honor
to forward the accompanying estimate
amounting to Rs 67,069 for the annual
Maintenance of the Chamarajendra Water
Works for the year 1900-1901, and to request
that you will be so good as to obtain
sanction of Government to the transfer of
this amount to the City Municipal Board
for adjustment as usual.

I forward also a detailed statement
of actual outlay incurred during 1899-190
on the annual Maintenance of the
above Water Works, amounting to
Rs 76,595-3-1, against the estimate of Rs
65,209, submitted with this office No. 6132
of 2nd December 1899.

The

The above amount includes materials at site to the value of Rs 12,449-10-9 and deducting this sum, the net outlay debitable to the Municipality is Rs 64,145-8-4, which may be transferred for adjustment.

I have the honor to be

Sir

Your most obedient Servant

[signature] Colonel,

Chief Engineer & Secretary

P.W.D.

A.P.J.

Hesserghatta Water Supply Division

Statement shewing Estimate provision and Expenditure on the Maintenance of Chamarajendra Water works for the year 1899 – 1900.

No.	Particulars	Estimate provision	Expenditure to end of June 1900	Difference more	Difference less	Remarks
	Engines and pumps.					
1	Cassania fuel and Charcoal	16,693	13,461 5 3	"	3231 0	Savings owing to favourable rates
2	Lubricants	828	778 14 4	"	49 1 8	
3	Small Stores	547	709 12 4	362 12 0	-	
4	Miscellaneous Stores	500	674 " 3	174.0 3	"	
5	Metals for repairs	500	235 12 7	"	264 2 5	Excess due to special repairs and improvements such as fitting the Engines & Pumps with metallic packing new cocks & new piping &c &c
6	Spare parts for renewal	2000	3275 " 11	1275 0 11	"	
7	Pipes and fittings &c	200	216 15 8	16.15 8	"	
8	Pumping Engines	250	281 12 5	31 12 5	"	
	Total Engines and pumps	21,518	19,834 4 5	"	1683.11 7	
	Hesserghatta Tanks in clearing delivery channel. Water Sewer & Cart track					
9	Tank Bund	500	1169 1 1	669 1.1	-	Excess due to repairs to Khoday tank and blocking up of the Sluices of Hesserghatta Tank, works necessary
10	Weirs and Foot bridges	200	317 13 5	119-13 8	"	
11	Water Sewer	100	"	"	100	
12	Delivery Channel and approaches	1000	758 1 9	"	241 14 3	
13.	Cart Track	300	256 15 4	"	43-1 8	
14	Planting boundary stones	"	153 2 3	"	153 2 3	
	Total Tanks	2100	2657 1 9	557-1 9	"	
	Carried over	23,618	22491 6 2	557-1 9	1685-11 7	

	Brot gft forwd	23, 618	22491	6	2	557	19	1683 11 7
	Repairs to delivery and Rising Main Stand Tank and Track alongside —							
15	Repairs to pipes —	250	303	7	7	53	7	7 "
16	Bridle path alongside of pipe line —	200	330	"	"	130	0	" "
17	Repairs to Stand Tank and Tunnels —	100	245	14	6	145	14	6 "
16	Masonry works to tunnels and Road Drain —	300	331	8	1	31	8	1 "
19	Drain pipes —	"	392	8	"	"		" "
	Total —	850	1603	7	1	753	7	7 "
	Repairs to storage Tanks filters and service tanks —							
20	Maintenance of garden at Pumping Station and Filters	200	348	9	9	14	8	9 9 "
21	Repairs to masonry Tanks Filters —	250	285	4	1	35	4	1
22	New Sand for Recharging	156	"					
23,	Repairs to Storage Tanks &c	250	460	14	4			
24	Repairs to Masonry Tanks	"	295	9	4			
25	new level service Tanks	"	301	12	6			
	Total —	856	1692	2	1	836	2	0
	Distribution,							
26	Purifying water with Alum ferro	3690	2909	6	7	"		" "
27	Repairs to pipe lines —	1000	874	3	7	"		" "
28	Do to fountains	1350	1376	5	11	"		" "
29	Constructing Meter Boxes		4	5	7	"		" "
	Total	6240	5764	5		"		1075 10
	carried over	31, 564	30957	4	7	2146	10	10 2759 6 3

the tank was painted and a costly scaffolding had to be erected

trees have been planted all round the Pumping station & Excise duty exhibited by Scotch steamer Thane

new Sand was used

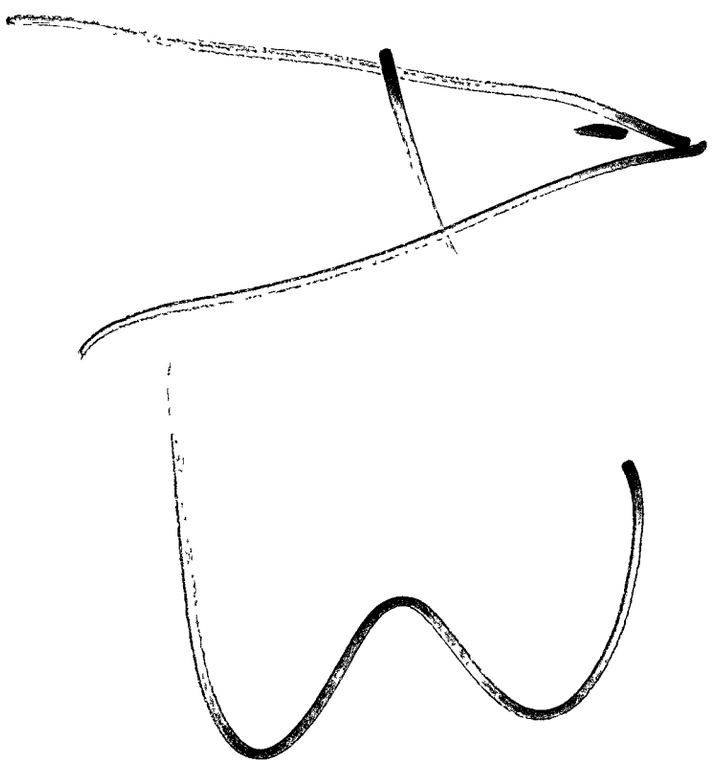
cutting down cross walls for readily cleaning the Tank,

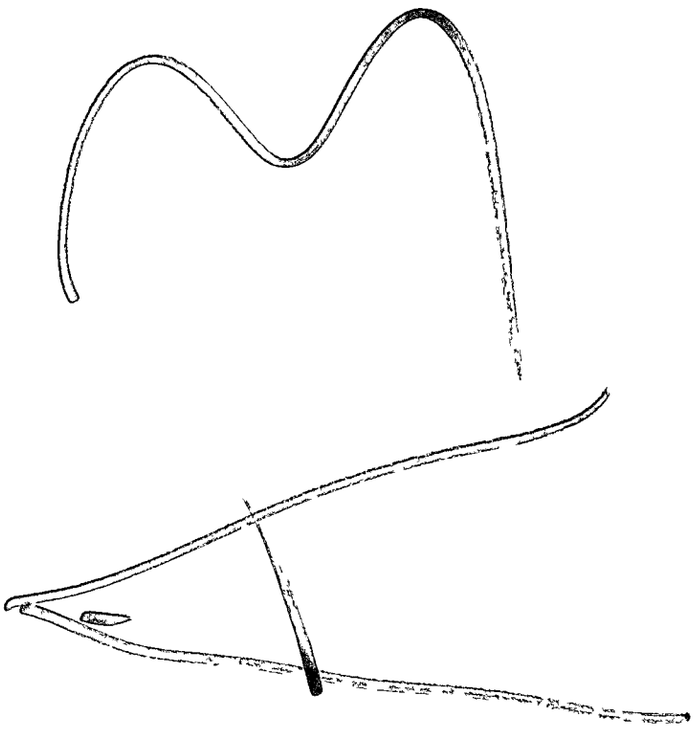
Plastering cracks and bulging down cross walls for every time of Tank,

	Brought forward,	31 564	30957	4 7	2146-10-10	2759-6-3	
29	— Tools and Plants, —						
	Purchases, Repairs and Carriage	500	672	8 0	172 8 0		
	— Contingencies —	100	175	7 0	75 7 0		
	Providing uniforms and clothings.						
30	Conservancy and Delivery Channel						
	Establishment	299					
31	other Establishment	591					
	Total	890	963	5 3	73 5 3		
	Repairs to Buildings —						
32	Repairs to Several Buildings	1569	1175	13 5		393 2-7	
33	Repairs to Telephone Lines	50	136	8 6	86 8 6		
34	Plague & preventive measures						
	Establishment	500	279	1 4		220 14 8	
35	Under Several Sub heads of the work	20052	19897	3 7		154-12-5	
36	Executive Engineer's office	9984	9894	4-8		89-11-4	Noted debate to this work but Rs 9894-4-8 = was spent and debite to budget grant.
37	Materials at sites at the end of June 1900		64145	8 4			
			12449	10 9	12449 10 9		
	Total Rs	65209	~~66700~~ 76695	~~14~~ 3 1	15,004-2-4	~~13572-3-4~~ 3617-15-3	
	deduct less from more				~~13,572 3 4~~		
	Net Excess				~~1491 14 5~~		

Bangalore 1
1st January 1901

P. Ramaswamy Iyer
Executive Engineer
Hessaraghatta Water Supply
Bangalore





Hesserghatta Water Supply Division

16

Abstract of the probable of packing with rough Stone round the piers of No VI Aqueduct.

Particulars	Amount	Remarks
Packing with rough Stones round the piers of no VI Aqueduct ——— Lumpsum	200 " "	
Total	200 " "	

Bangalore
8th January 1901

V Ramaswamy Iyengar
Executive Engineer
Hesserghatta Water Supply Division
BANGALORE

Severe Rattan Water

Estimate of the probable
Cost of Inclosing with
Rough Stone round the
Spring Mentioned in
Inquiry

Amount of £ 200.

Bangalore water supply improvements

Estimate of the probable cost of proposed drawing (ground) cocks for fountains in the City of Bangalore

Particulars	Per	Rate	Quantity	Cost
Fixing brass ground cocks for fountains with masonry Cistern and fitting charges for 1½ inch cocks	Each	18	" " 13	234
Do 1" do	"	11	8 " 101	1161
Do ¾" do	"	9	8 " 1	10
Masonry cistern and fitting charges of 1½" cocks already issued	"	3	8 " 16	56
Total				1461

Bangalore
8th January 1901

V Rungasawmy Iyengar
Executive Engineer
[illegible]
BANGALORE

/ Hatlia water Supply

Estimate of the probable cost of providing Glands cocks for fountains in City of Bangalore

Annexed to Stmt No 1461

Hesseraghatta water Supply & Drainage

Estimate of the probable cost of Collection of Gravel for Re=
pairing Road from 8th mile of Tumkoor Road to Banavara Village

Particulars	Per	Rate			Quantity	Cost.
Earthwork	Cyds.	"	2	"	955	120
Collecting Gravel	Do	"	4	"	510	128
Removing bank and Levelling Road	Do	"	2	6	333.	52
Total						300

Bangalore
8th January 1901

V Rungasamy Iyengar
Executive Engineer
Hesseraghatta Water Supply & Drainage
BANGALORE

Seven Shatta Water Supply Co

Estimate of the probable cost of Collection of Gravel for repairing Road from 8th mile Tumkur Road to Banawar

Amount Rs

53 Hessaraghatta Water Subdivision

Estimate of the probable cost of filling in ants and planting grass in the rear Slope of the banks of Fillers

Particulars		Remarks
Filling in ants and planting grass in the rear Slope of the banks of Fillers	Lumpsum 300 " "	
Total	300 " "	

Bangalore
9th January 1901

V Ramaswamy Iyengar
Executive Engineer
Hessaraghatta Division
BANGALORE

20

R.L. 1377. (20)

No. 10229. 94/2/01.
17.37-99

To

The President
Bangalore City
Municipality

Ref No. 125 dy the 18th January 1901 addressed to the Office No 7841-3 dy 17.37-99 the undersigned is directed to request that a bill amounting to Rs 1,50,789-11-7 being the monthly allowance of the Chairman Water Works from 1st January 1901.

The undersigned has the honor to state that the bill is submitted herewith

35380 04474 1

3/1

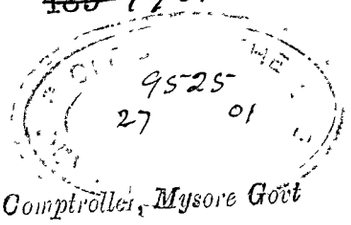
Mr Quelch a for 1900-1901 -
Has said been received
from the Chief Engineer
with a request that
the amount be transferred
to the city Municipal
Board for adjustment -
Last Decem Mattij
the Board passed
adjustment with two
changes one of which
Decent income May
must consider and
report to Council what
May should do and
whether May should not raise
Loans [illegible] - A copy
has also been requested -

7/2/07
Sunday

22

L 157

~~180~~ 1901



grant file no. 2857/95

From

The Comptroller, Mysore Govt

To

The Secretary to the Govt. of Mysore
Genl & Rev. Depts.

Dated 25th Feb: 01

Despatched

Received

L. F. No. 1266.
No.

SUBJECT MATTER.

Begging to be instructed as to how the demand of the D. P. W. for Rs 150, 789-11-7 being part expenditure incurred on acct of the Lemporary Wks. of Chamrajendra Water Works, should be met.

—

3197

Submitted. Why the Precedent be asked to expedite his reply to this office

Docket ew 10229 dy 11-2-01 (L 25)
L-537-99

Secy. Res.
2/3 01. A.S. Chn
23

L. F. No. 1262 OFFICE OF THE COMPTROLLER, MYSORE GOVT.

Bangalore, 25th Feby 1901

From

E. R. SUBRAYER, Esq.,

Comptroller, Mysore Govt.

To

The Secretary to the Govt. of Mysore,

Revenue and General Depts

SIR,

Referring to Government Proc. No 7841-3 / L.F. 37-99 dated 11th December 1900, I have the honor to bring to your notice that the Chamarajendra Public Works accounts herein his No 357 dated 6th instant asked for Credit being afforded to Mah Department of the Sum of Rs 150789-11-7 being part expenditure incurred on account of the Temporary Establishment of Chamarajendra Water Work

2. There is no provision made on this account in the Budget nor can the estimated Closing balance of 1900 Rs afford to meet this salary

outlay - Under the circumstances
I beg to be instructed as to how the
demands of the P.W. Department should
be met.

I have the honorable
Sir
Your most obedient Servt
E. Montague
Comptroller
Inc. of Revenue
Mod
M.

10296/1624

(93)

Office of the Municipal Commission,

City, Bangalore, 8th March — 189-. 1901

No. 157/1

From

THE PRESIDENT,

MUNICIPAL COMMISSION,

BANGALORE CITY.

To The Secretary to the
Government of Mysore
General & Revenue Departments.

Sir,

With Reference to your docket
No 10229 dated the 11th February 1901
L.F. 37-99
(Sl 25) and Memorandum No Rev 11806 dated
L.F. 37-99
the 7th March 1901 and previous
Correspondence on the Subject
regarding one & a half Lacs the
Board proposes to pay the
maintenance Cost of the
Chamrajendra Water Works, &c.
I have the honor to submit
a Copy of the Board's Resolutions
dated the 28th February 1901
stating that owing to their

35380 34074 14 9

present crippled financial
state they are unable to
pay the large amount in
question either out of the
Municipal funds or by
raising a loan for it,
and that all they can do
at present is to pay Govern-
-ment whatever sum is
realized every year by the
levy of taxes at 3% on the
annual value of
houses &c.

I have the honor &c
Yours most obedient Servant

W. Chatterton

Extract from the Proceedings of the City Municipal Commission held on the 28th February 1901

× × ×.

24. Read Docket No. 10229, dated the 11th February 1901, from the Secretary to the Government of Mysore in the General and Revenue Departments, intimating the receipt of another estimate for Rs. 67,069, for the maintenance charges of the Chamarajendra Water Works for 1900-1901 from the Chief Engineer in Mysore, besides the one for Rs. 1.50,789-11-7 from the 1st January 1897 already sent for adjustment, and enquiring why the Board should not raise loans to adjust these two charges in case they cannot meet them out of their present income.

The board beg to submit for the of Government the fact that they are quite unable owing to want of funds to pay this charge or to raise a loan therefor and that they can only pay all that may be collected as water tax, till the financial condition of the board improv

(Sgd.) B.K. Venkatavardingar

PRESIDENT MUNICIPAL COMMISSION,
BANGALORE.

Copy

L201.

78

Gen. 30]

1839

189 8-8-05

From

E. R. SUBRAYER, Esq.,

Comptroller, Mysore Govt.

To

The Secretary to the Govt. of Mysore,

Rev. & Genl Dept.

Dated

Despatched 7 July & August.

Received

General No. 870

No. 116

Enclosure No.

SUBJECT.

Stating that the sum of Rs: 15-0 789-11-7 debited by the Examiner & Accts in his exchange account with this Office for July, 05 has been accepted in the accts of this Office for same by debit &

References (to be entered only in the Dewan's Office).

suspense Subject & requesting to remit early amount if not in the Treasury

35380 | | 34074 14.9

No. 870
116

OFFICE OF THE COMPTROLLER OF MYSORE.

Bangalore, 5th August 1901. 189

From

E. R. SUBRAYER, Esq.,

Comptroller, Mysore Government.

To

The Secretary to the Govt. of Mysore,

General and Revenue Depts

SIR,

In inviting attention to this Office No.1266/LP dated 30th February last re, airte ance charge of Chamarajandra water works I have the honor to state that the sum of Rs.1,50,789-11- debited by the Chief Engineer Public Works accounts in his exchange accounts with this Office for February 1901 has been adjusted in the accounts of this Office for May 1901 by debit to suspense subject to readjustment on receipt of orders of Government in the matter. &c., I beg you will be so good as to obtain and furnish to me at your early convenience.

I have the honor to be,

Sir,

Your most obedient servant,

E. R. Subrayer

Comptroller.

Mysore P.W.Department.

Central office,

No. 5573 Dated Bangalore 11th October 1901.

From,

Colonel D.McNeil Campbell.

Chief Engineer of Mysore.

To,

H.V.Nanjunda Rao Esquire M.A.,& B.L.

Secretary to the Government of Mysore

General & Revenue Departments.

Sir,

In continuation of this office No.5076 of 21st January 1901,I have the honor to forward,for sanction of Government,the accompanying estimate for the annual maintenance of the Chamarajendra Water Works for the year 1901-02,amounting to ₹89,082 as against ₹67,069 of the previous year. Of the large excess of ₹22,013,₹12,000 are due to the large number of special repair works of non-recurring nature,which are necessarily required to be carried out this year,₹7,000 to the rise in rate of fuel,and the balance to sundry deviations on other items,all of which have been fully explained in the accompanying Report.

2.. Under Government Proceedings No.7841-3/L.F.37-99 dated 11th December 1900,the outlay incurred on this account to end of 1899-1900,has been transferred to the Municipality for adjustment.The actual outlay incurred during the past official year has been called for from the Executive Engineer,Hessarghatta Division & will be intimated to you shortly.

3. Pending sanction to the estimate now submitted,the Executive Engineer will be permitted to proceed with the items under "special repairs" as well.

I have the honor to be,

Sir,

Your most obedient servant,

J. McN. Campbell Colonel

Chief Engineer of Mysor

A.P.J.

2645

4999 1900-1
14-X-01

MYSORE P. W. DEPARTMENT

From THE CHIEF ENGINEER
OF MYSORE.

SECRETARY'S OFFICE Reg'd No 2 APR 1902 MYSORE

To

The Secretary to Govt:
Gen'l Revl: Depts

Dated Bangalore, 11th Oct: 1901

Despatched

No. 5573

Enclosure No, 1 Abstract sheet
10 Estimates
Tracing
1 Report
3

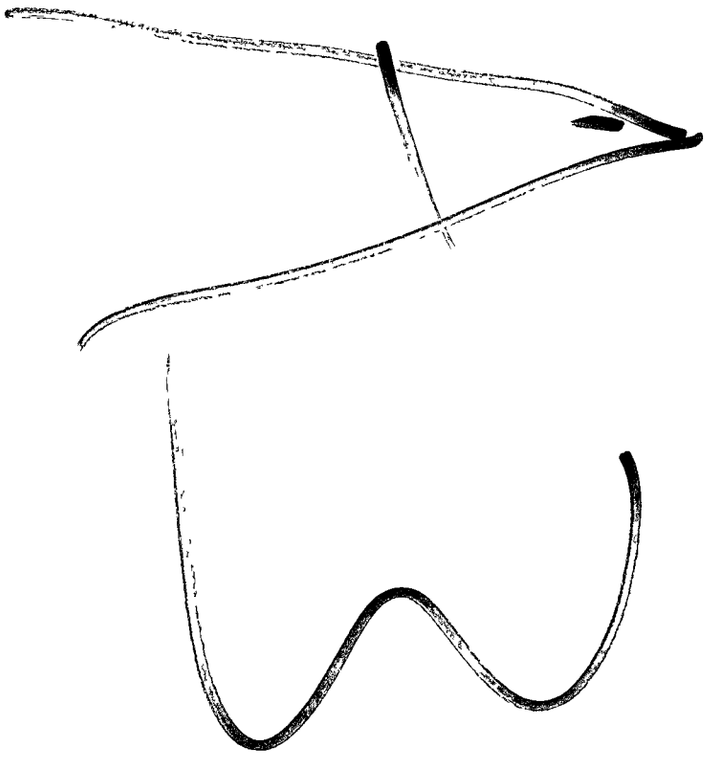
SUBJECT.

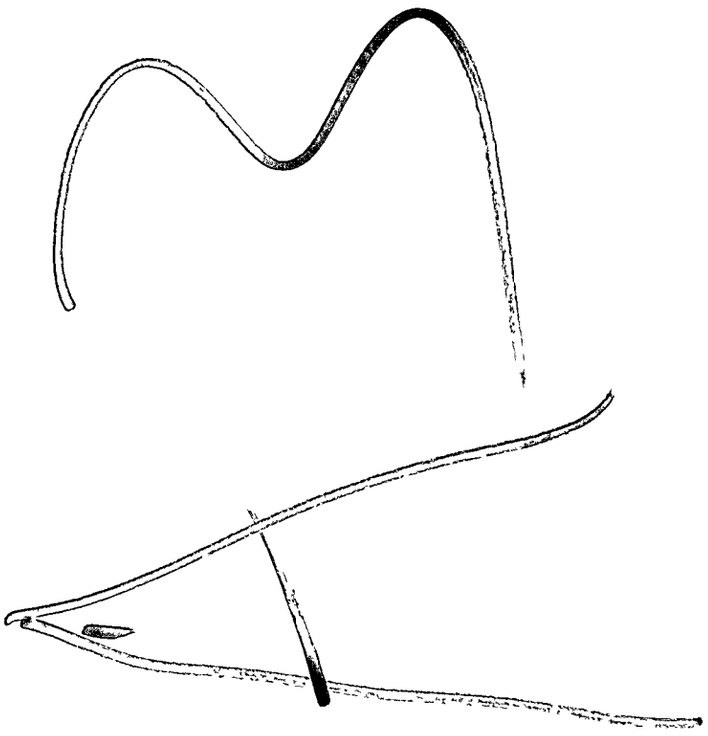
Forwarding for sanction of Govt an estimate for the Annual Maintenance of the Chamraja Water Works for 1901-2.

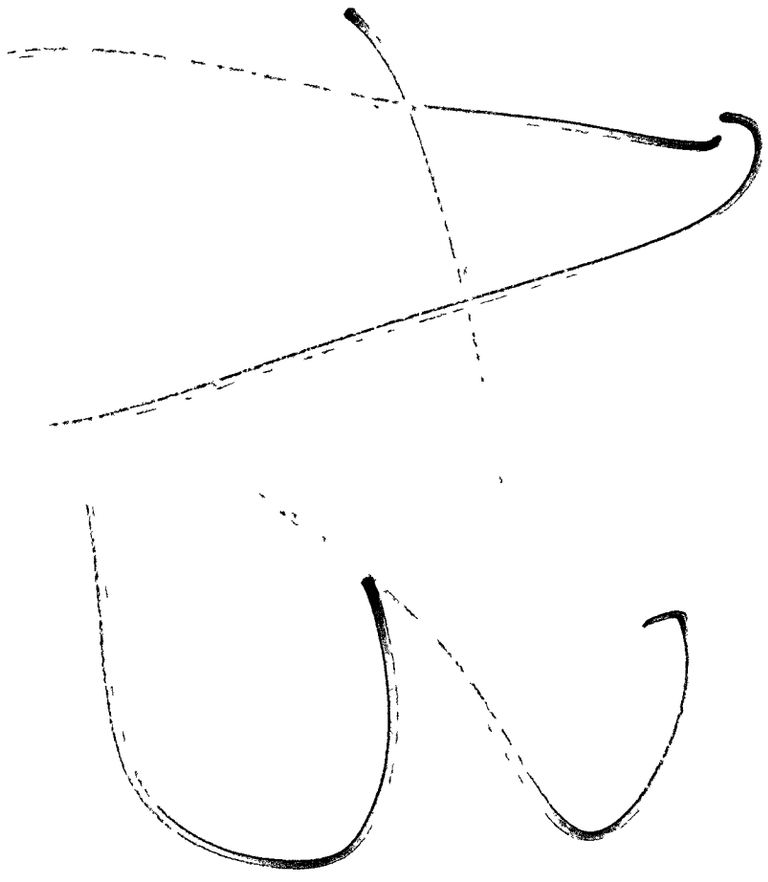
K 2
15.10.01

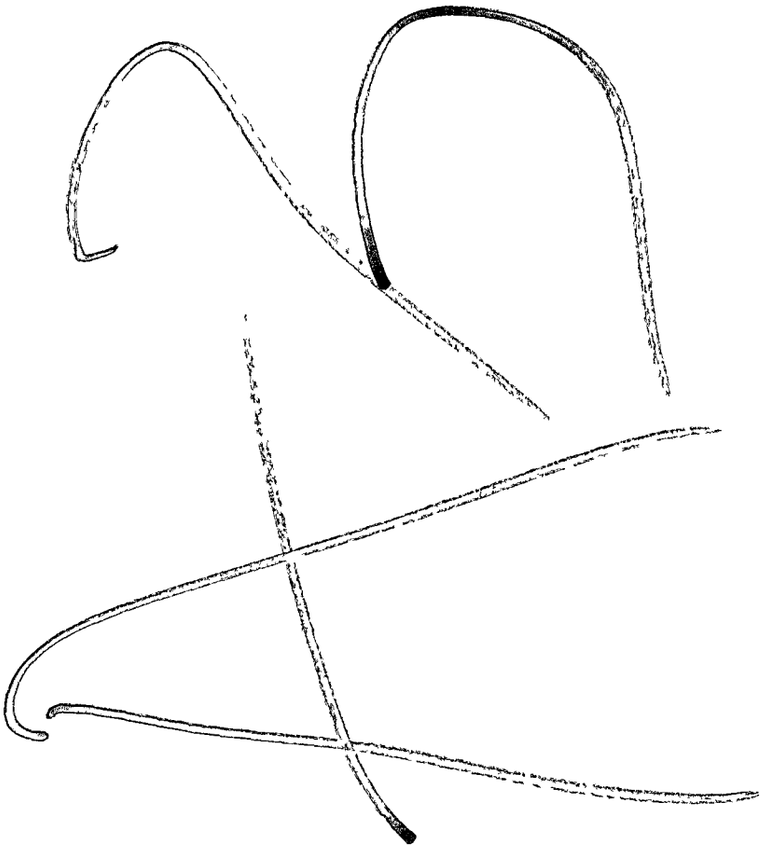
2013/11/0
A.S.A
Rs 13/11/0
Recommd

K/4









SECRETARY'S OFFICE
Regd.
30 SEP. 1901
Mysore P. W. Dept.

Report to accompany the estimate for the Annual maintenance of the Channa-Raja water works during the year 1901-1902.

Report

The estimate provides the maintenance and the necessary repairs of the Channa-Raja water works for the year 1901-1902. This year the estimate has been divided into two heads. The first head providing for the ordinary maintenance, i.e. items which occur every year; head II providing for special repairs i.e. items which are not really of a recurring nature. Of these latter, estimates for some have been already approved of by the Chief Engineer, and for the other items necessity for them

will be explained later on when dealing with that part of the estimate.

Ordinary Repairs

A perusal of the estimate now submitted with the estimate of last year will show that there has not been much deviation from that of the last year with the exception of the few items enumerated below:

Item No 1. Fuel The increase under this head of nearly Rs 7000/ is due to the increase in rate of the fuel of Rs 3/- per ton now paid to the Forest department.

Item No 6. Spare parts of machinery. There is a reduction of Rs 1000/ under this head, as all the engines have been fitted up with new valves and springs, and there will be no necessity for their renewal this year.

Item No 8 Tank Bund. Increase on this head is due to provision being made

made for the repairs of Kabul and Bagala Zaub Ismado also.

Item No 19. Slight increase also Rs 200/ is due to the rate now given for washing the sand, as it is done outside and not inside the enclosure as before.

Item No 20. Increase of Rs 200, due to increase of the number of fountains in the City and in the two Extensions.

Item No 21. This is a new item the necessity of which is apparent and does not require any Explanation.

Item No 22. There is an increase of Rs 700 under this head. The Excess is due to removing and relaying two Submains in the City owing to the alteration in the level of the roads, Extension of pipe lines in the two Extensions (3) removing the galvanized branch pipes

pipes of the fountains many of which seem to have undergone much corrosion

No. 25. The increase of Rs 500/- under this heading, is due to many of the taps now in use having worn out and necessitating replacement by fresh ones.

Taken as a whole the totals of these items as provided for in this Estimate Exceeds that of last year by Rs 7212/- the Excess being mainly due to the increase of Rs 7000/- under

Special Repairs.

No. I. In the maintenance Estimate Submitted last year, provision was made for this work, but the materials did not arrive in time, hence the provision of Rs 1423/- has

has been made in this year's
estimate for carrying out the
It is very necessary that Cast iron
Cocks should be replaced by gun-
-metal Gland Cocks, as the loss
-leakage from the old Cocks is so
very great.

No 2. This item needs no further
Explanation than the fact
the proposed Establishment of a
dispensary at the Pumping Station
has been approved of by the Chief
Engineer. Vide his No 1886 dated 30th
March 90. The furniture has been
made according to the list kindly
furnished by the Senior Surgeon.

No 3. The present road being a
little too narrow to admit of two
Carriages passing each other,
it is proposed to widen the road
by taking up an Extra width of
5 feet

speck in one side cutting a new drain and fouching the Extra width. As it is, if two Carriages happen to meet in the Centre of the road one has to be backed the whole distance to let the other Carriage pass.

No 4. Some 3 years ago an estimate was submitted and sanctioned for trimming and turfing the inside Slopes only and nothing has been done for the Slope outside, ever Since the bound was formed. They have been scoured by the rain and it is necessary that all the ruts Should be filled up and turfed in the Same way as the inside Slopes have been treated

No 5. Item of Rs 2807 has been provided for supplying meters to three houses which have been already and are being provided with house Connections

in both Extension and in City.

No 6. The filtering materials of no 1 filter were removed, cleaned and relayed in the year 1898. Provision is now made for removing, and recharging the filtering materials of No 2 Filter. It is laid down in all text books on water Supply, that every filter should be completely overhauled and re-charged once in 5 years. It is therefore proposed to clean up no 2 Filter, leaving no 1 Filter for the next year

No 7. The Store-room at the Pumping Station is much Cramped for want of room; the Superintendent finds much difficulty in sorting and arranging his Stores neatly. It is therefore proposed to extend it by building a small additional room in continuation of the present one as shown in the plan.

attached to the detailed Estimate.

No 8. This Estimate provides for re-
-Spreading and consolidating the
gravel that was collected last
year; the road at present is very
heavy and as nothing has been
taken it ever since the earthwork
for the road was formed

No 9. The lump sum of Rs 1000 is
provided for the purchase of an
Extra lathe, a drilling machine
and Carrying out Certain Extensions
to the work Shop in Bangalore. If
the Chief Engineer approves of this
provision, a detailed estimate will
be submitted for the Sanction before
the work is Carried out.

Nos 10 to 15. These items require
no further Explanation as the same
is in the Remark Column of the
Estimate and Explanatory Sketch.

Under Establishment there has
been no Change Except that an
additional moulder entertained
with

Why not remove the complete Workshop & Machinery now at Kolapuy Class to Bangalore It will be infinitely more valuable in Bangalore than in its present site. Apply.

This would do away with item No 7. Apply

I think myself the idea is a good one. one small lathe and drilling machine will however have to be left there. As much of the work as possible will be done in Bangalore under my own eyes.

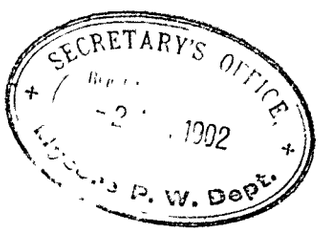
M
10/10/01

with the Sanction of the Chief Engr
vide his No. 4849 dated 2-9-1901

V Ramaswamy Iyer

Executive Engineer
Hesseraghatta Water Supply Division
BANGALORE

Bangalore
25th September 901


SECRETARY'S OFFICE
1902
P. W. Dept.

Hesserghatta Water Supply Division.

Estimate of the probable cost of replacing C.I cocks of fountains with new brass cocks

Items of work	Per	Rate	Quantity	Cost
Materials				
1½" Gland cock	Each	14 "	31	434
1" — Do.	Do.	6 8 "	94	631
¾" — Do.	Do.	4 12 "	14	64
½" — Do.	Do.	3 8 "	2	7
Labour charge				
Removing cast iron stop cock of sizes and refixing gland cocks for the same	Each	1 8 "	144	216
Total				1,355
Contingencies at 5 per cent				68
Grand Total				1,423

Bangalore
14th September 1901

V Rangasawmyyer
Executive Engineer
Hesserghatta Water Supply Division
BANGALORE

SECRETARY'S OFFICE,
Rr
30 SEP. 1901
Mysore P. W. Dept.

No. I

Estimate of the probable cost of replacing C. I. cocks of fountains with new brass cocks.

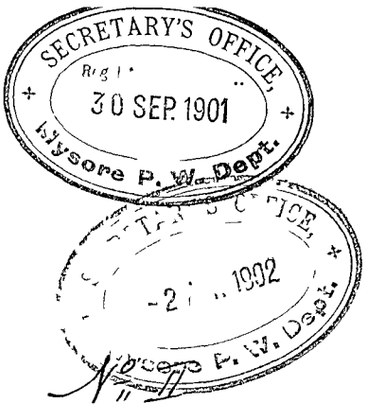
Yesserghatta Water Supply Division.

Estimate of the probable cost for supplying furni for the dispensary to be opend at Pumping Station — Soldavenhully.

Sub Heads	Per	Quantity	Rate			Cost		
Almirah Teak 6'×4'×1½'	No	1	54	3	"	54	3	"
Basin brass	"	1	5	"	"	5	"	"
Do Stand 2½'×1½'	"	1	5	"	"	5	"	"
Boxes Teak 3'×2'×1½'	"	1	9	9	11	9	9	11
Chairs Teak (Dispensary)	"	1	5	4	"	5	4	"
Cork Screw	"	1	"	5	"	"	5	"
Door mat 4'×6'	"	1	5	"	"	5	"	"
Fomentation Tin	"	1	"	8	"	"	8	"
Lamp Hanging	"	1	"	12	"	"	12	"
Lantern hand	"	1	"	10	"	"	10	"
Shades Portable hand lamps	"	1	"	8	"	"	8	"
Table dispensary 6½'×3½'×2¾' with 10 drawers	"	1	70	12	"	70	12	"
Table writing with drawers 4½'×3	"	1	18	10	9	18	10	9
Tray wooden for medicine	"	1	5	15	4	5	15	4
Tobels	"	2	"	4	"	"	8	"
Form 6'×1¼'×1½'	"	1	6	6	"	6	6	"
Tots Tape	"	2	9	"	"	18	"	"
Rugs	"	2	1	8	"	3	"	"
Pillows	"	4	"	8	"	2	"	"
Do Cases	"	8	"	4	"	2	"	"
Blankets	"	4	2	8	"	10	"	"
Carting Etc.	Item	1	L. S.			3	"	"
Total						230	"	"

Bangalore
4th September 1901

Ramaswamy
Executive Engineer
Yesserghatta Water Supply Division



Estimate of the probable cost for supplying furniture for the dispensary to be opened at Pimpsing Station Soldavenhully—

Hesserghatta Water Supply Division.

Estimate of the probable cost of widening road from Hitter to Subadar chatrum and from Hitter to Sankey's Reservoir.-

Items of work	Per	Rate			
Earth work side drains $2587 \times 1\frac{1}{2} \times 2 = 28$	C.	"	1	287	27
Picking and forming road surface $258' \times 55'$	"	"	1	1437	7
Gravelling including Consolidating $258' \times 5' \times \frac{1}{4}$	Cyd.	"	4	120	30
Clearing bushes and repairs of drains	L.	"	1		50
Burning both sides of the road excluding earth work. $2587 \times 1 \times 1$	C.	"	16	96	9
Total					123
Contingencies at 5 per					
Grand					130

Bangalore
14th September 1901

V Rungasawmy Iyengar
Executive Engineer
Hesserghatta Water Supply Division
BANGALORE

SECRETARY'S OFFICE
30 SEP 1901
Mysore P. W. Dept.

No. III

Estimate of the probable cost of widening road from Tiller to Subadar Chatram and from Tiller to Sankey's Reservoir

Amount of Estimate Rs 130

Hesserghatta Water Supply Division.

Estimate of the probable cost of Levelling and Turfing outside of filter and storage bunds.

Items of work	Per	Rate	Quantity	Cost
Earthwork Levelling filter bunds	Cyd	" " ½	3600	9
" Storage bund	Cyd	" " ½	4817	13
" Filling ruts	Cyd	" 1 8	1019	106
Turfing	Syd	" " 6	8416	263
Clearing bushes around filter and storage bunds	Item	L. S.	1	40
Total				431

Bangalore
14th September 1901

V Rangasawmy Iyer
Executive Engineer
Hesserghatta Water Supply Division
BANGALORE

SECRETARY'S OFFICE
Rec'd
30 SEP 1901
Mysore P. W. Dept.

No IV

Estimate of the probable of levelling and turfing outside of Filter and Storage bunds ——— - - - -

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Amount of Estimate Rs 4.37.1.

Hesserghatta Water Supply Division.

Estimate of the probable cost of Meters of different sizes required for house connection in Malleswara, Basavangudi extension and city.

Items of work	Per	Rate	Quantity	Cost
Meter 1" for Malleswara 6				
" " Basavangudi 6				
" " City 12				
Total 24	No.	58 8 as	24	1404
Meter 3/4" for Malleswara 2				
" " Basavangudi 2				
" " City 12				
Total 16	No.	48 8 as	16	776
Meter 1/2" for City	Do.	36 12 as	2	74
Constructing meter cisterns	Do.	10 as as	42	420
Total				2674
Contingencies at 5 per cent				133
Grand Total				2,807

Bangalore
14th September 1901

V. Rungasamy
Executive Engineer
Hesserghatta Water Supply Division
BANGALORE

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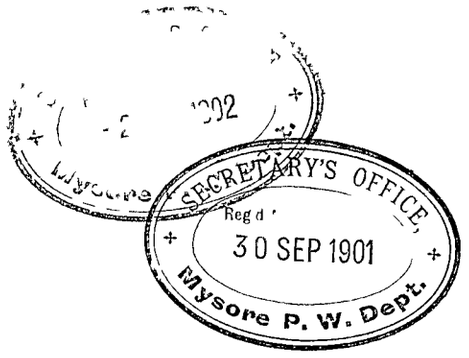


No. VI

Estimate of the probable cost of removing metal including sand etc, of No. 2 Gullies cleaning and recharging The Same — — — — —

Amount of Estimate Rs 1,792

Hesserghatta Water Supply Division

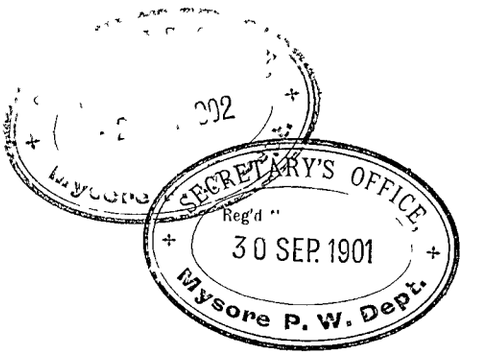
Hesserghatta Water Supply Division.

Estimate of the probable cost of removing metal Sand Etc. of No. 2 Filter cleaning and recharging the

Items of work	Per	Rate	Quantity	Cost.
Removing -				
Course Sand	Cyd.	" 4 "	857	214
Fine Sand	Do.	" 4 "	233	58
Metal 1½" Thick	Do.	" 4 "	275	69
Walnut	Do.	" 4 "	211	53
Bean	Do.	" 4 "	217	54
Pea.	Do.	" 4 "	223	56
Cleaning -				
Course Sand	Cyd.	" 4 "	857	214
Fine Sand	Do.	" 4 "	233	58
Bean	Do.	" 4 "	217	54
Pea	Do.	" 4 "	223	56
Walnut	Do.	" 4 "	211	53
Recharging filter as per removing	Item	L S.	1	504
Collection of fine Sand including the wastage of it on washing	Cyd.	1 8 "	233	349
Total				1,792

Bangalore
4th September 1901

V Ranganathan
Executive Engineer
Hesserghatta Water Supply Division
BANGALORE



No. VI

Estimate of the probable cost of removing metal including sand etc, of No. 2 Filters cleaning and recharging The Same — — — —

Amount of Estimate Rs 1,79[illegible]

Hesserghatta Water Supply Division

Estimate of the probable cost extending the present store room at Pumping station Soldavenhully

Details of work.	No.	inversi L	ons B	D	Total
Earthwork Excavation.					
Longitudinal walls	2	17½	2½	½ 394	
Cross wall ——	1	14	½	4' 158	
				552 C	20
Foundation Stone in					
Longitudinal walls	2	17½	2½	4½ 39	
Cross wall ——	1	14	2½	4' 158	
				552	552
Basement dressed Stone in m					
Longitudinal walls	2	17	2	2 136	
Cross wall ——	1	14½	2	2 58	
				194	194
Superstructure dressed					
Longitudinal	2	16½	1½	11 545	
Cross wall ——	1	15	1½	11 247	
Arch (gable)	1	51	1½	" 6	
				868	
Deduction.					
Window ——	1	2½	1½	2 7	
Do	1	2½	1½	5 19	
Door	1	4	1½	7 42	
				68	
alence S — —			less		C. 800 -
	at 4		12	12 12	
iety of Inspection S	21		8		

Re-mantling wall for making doorway	2½	1½	2	7	Cft	7
Fixing 2 windows with necessary repairs	1	"	"	1	Item	1
Roofing with Corrugated ~~Iron~~ Curved sheets	21	(8	2⅔	") 21	No.	21
Screws nuts, washers and clips						
Flat iron 3" x ¾" or 7½ lbs per foot	(2	23	"	") 345	lbs	345
Angle Iron purlins 2" x 2" x ⅜ or 203 lbs per foot	(4	17	"	" 138	lbs	138
Round iron tie rods 1" or 2 62 lbs per ft	2	19	"	" 109½	lbs	109½
Chunam pointing						
Exterior Longitudinal walls	2	16½	"	10 330		
Cross wall	1	18	"	10 180		
Arch	1	51 area		" 51		
Interior Longitudinal walls	2	15	"	12 360		
Cross wall	1	15	"	12 180		
Arch	1	35 area		" 3		
				113		
Deduction						
Door ———	1	4	"	7 28		
window ———	1	2½	"	5 12		
D° ———	1	2½	"	2 5		
Total				45		
Balance						
Removing and refixing hand Stones	25	"		" 25	Sft	25
Filling Basement with earth	1	14½	14½	⅓ 280	Cyd	10
Gravelling ———	1	14½	14½	⅓ 70	Cyd	3
Labour for laying Stone slab flooring	1	15	15	(4") 225	Sft	225
Asphalte pointing ———	1	15	15	" 225		225
3 Tiers of mutchee or other junglewood Shelves	3	45	1½	(1') 202	Sft	202
Iron rail tramway fixed in wall	27	3		81		81

Abstract.

Items of work	Per	Rate	Quantity	Cost
Earthwork Excavation.	Cyd.	" 1 6	20	2
Foundation Stone in mortar	Cft.	" 2 6	552	86
Basement dressed Stone in mortar.	Cft.	" 3 6	194	42
Superstructure — Do.	Cft.	" 3 6	800	175
Dismantling for making doorway	Cft.	" " 3	7	"
Fixing 2 windows with necessary repairs	Item	L.S.	1	6
Roofing with corrugated iron curved sheets, Screws, nuts, washers, and clips	No.	2 4 "	21	47
Flat iron	~~Lbs.~~ lb.	" 1 3	345	27
Angle iron	"	" 1 6	138	13
Round iron	~~Lbs.~~ lbs.	" 1 3	109½	10
Chunam pointing	Sqft.	1 8 "	10·91	16
Removing and refixing bond Stones	No.	1 " "	25	25
Filling basement with earth	Cyd.	" 2 "	10	1
Gravelling	Do.	" 6 "	3	1
Labour for laying stone slab flooring	Sft.	" 1 "	225	14
Asphalt pointing	Sqft.	6 " "	2·25	13
3 Tiers of Mentree or other jungle wood	Sft.	" 6 "	202	76
Iron rail tramway	Rft.	" 2 "	81	10
Total				564
Contingencies at 5 per cent				28
Grand Total				592

Bangalore 3
14th September 1903

V Ramaswamy Iyer
Executive Engineer
Hesaraghatta Water Supply Division
BANGALORE

SECRETARY'S OFFICE,
Reg'd No
30 SEP. 1901
Mysore P. W. Dept.

No VII

Estimate of the probable cost of extending the present Store room at Pump Station Soldar

Hesserghatta Water Supply Division.

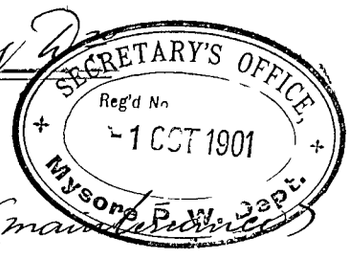
Estimate of the probable cost of preparing road from 8th miles Tumkur road to junction of 15" Delivery main.

Items of work	Per	Rate	Quantity	Co
Picking and forming road surface 8250' x 18'	Syd	" "	16500	8(
Spreading and consolidating gravel 8250' x 12' x 1 2/3"	Cyd	" 2 6	510	8(
Removing bank and levelling road 250' x 18' x 2'	Cyd	" 8 "	333	16,
Total				33
Contingencies at 5 per cent				1
Grand Total				35

Bangalore
14th September 1901

V Rangaswamy
Executive Engineer
Hesserghatta Water Supply Division
BANGALORE

Yesserghatta Water Supply D...

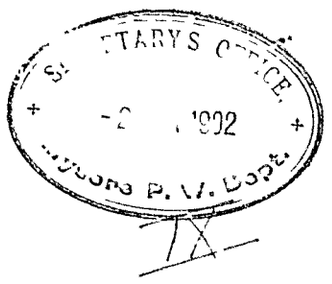


Cost of Establishment required for Cmaintenance of dispensary to be opend at Soldavenhully

No.	Items	No. of months	Rate per month.		Amount	
	Hospital Assistant 3rd Class.					
	Salary Rs 25-0-0	12	25	0 0	300	0 0
	Allowance Rs 10-0-0	12	10	0 0	120	0 0
	Compounder Rs 8 to 15	12	15	0 0	180	0 0
	Sweeper Rs 6-0-0	12	6	0 0	72	0 0
	Waterman Rs 2-0-0	12	2	0 0	24	0 0
	Contingencies, Stationery including Lamp oil Etc Rs 10/-	12	10	0 0	120	0 0
	Cost of medicines, appliances Etc	12	25	0 0	300	0 0
	Total				1116	0 0
	Deduct amount to be contributed by the Military Works Dept.				300	0 0
	Net amount				816	0 0

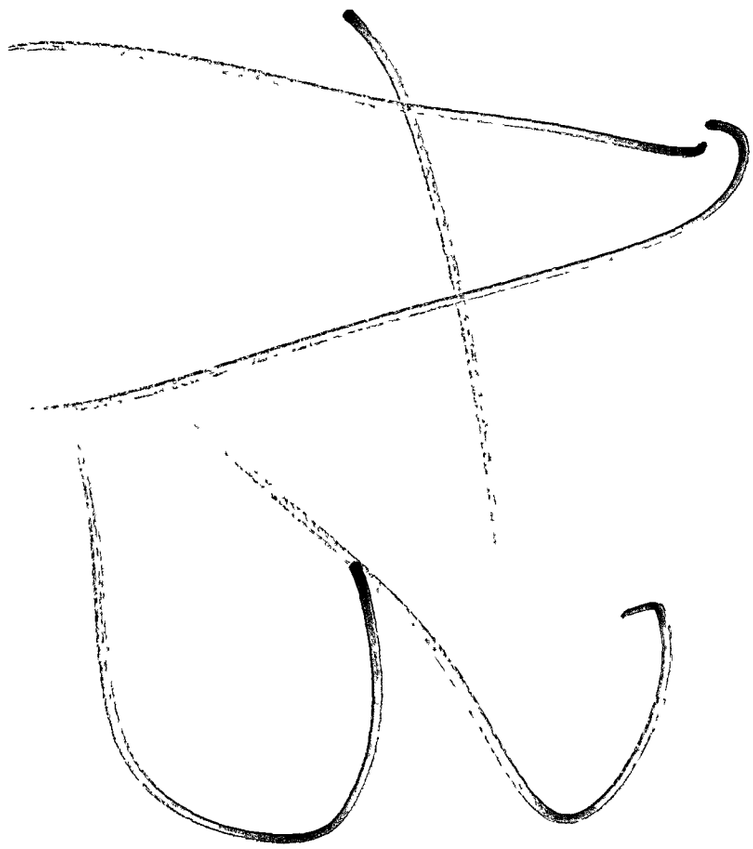
Bangalore
30th September 1901.

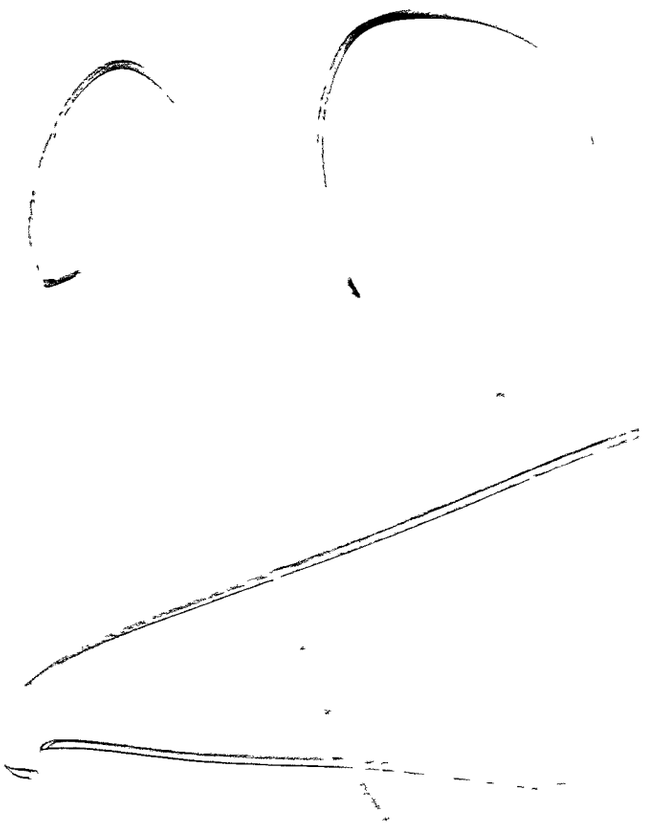
V. Rangaswamy Ayyar
Executive Engineer
Public Works Dept
BANGALORE

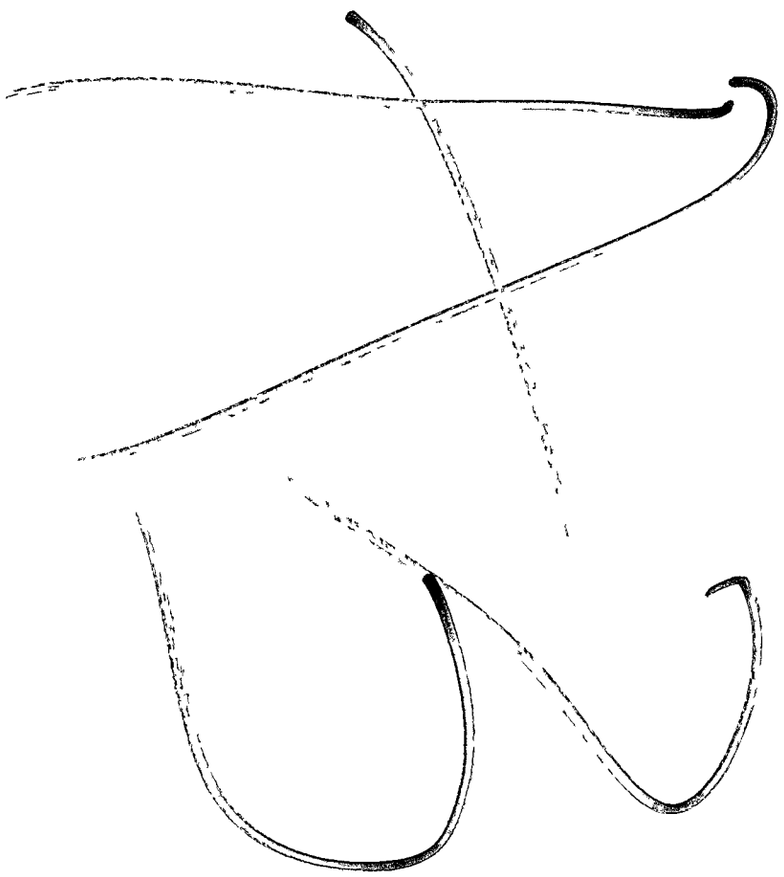


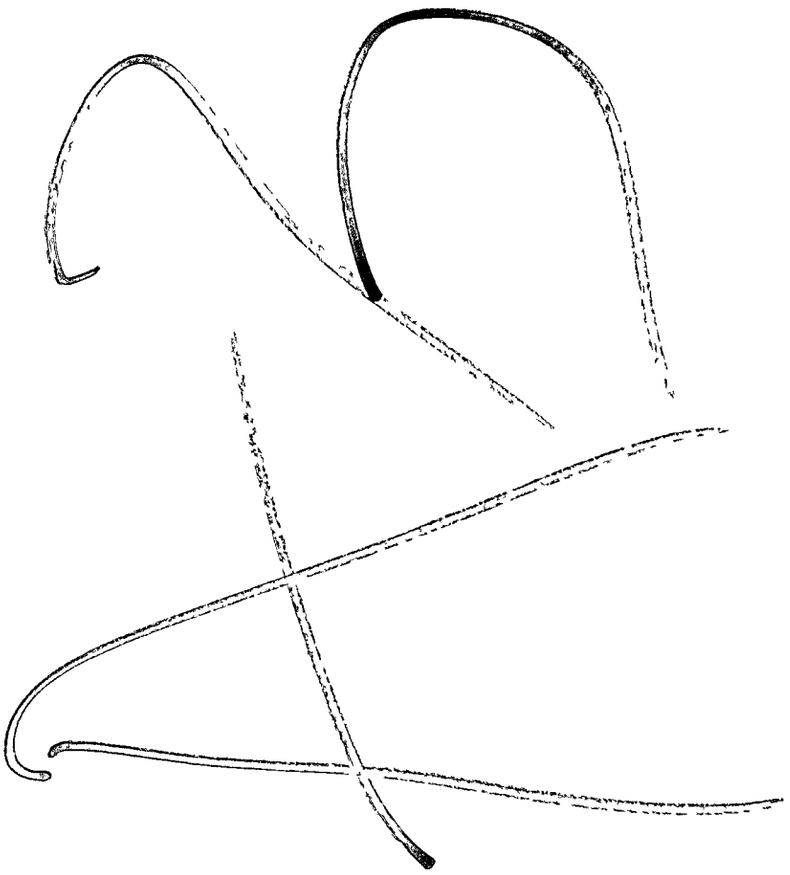
Encl. IX

Cost of Establishment
required for (maintenance)
the dispensary to be opend
at Soldavenhully









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MYSORE P. W. DEPT.

4634

Have to send
to be formed
in the News
from III Councillor
dated
12.IV.02
He may consult
Mr Crendentalso

Yours sent
i enclose memo
& Proceedings for
his opinion
25/4/02

Submitted to Rao
Bahadur C. Madaiah Esq
3rd Councillor as per above orders.
John Cumbleton Colonel,
Secretary to the Govt of Mysore
P.W. dept

Bangalore
22/4/02

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A Sup 21/4/02
Dly 26/4

TO THE DEWAN OF MYSORE

FOR ORDERS.

With reference to
your remarks dated
18-3-1902 on note
from the 3rd Councillor
dated 11-2-1902 I
forward herewith
a note on the Bangalore
City Water Supply
[redacted] my views
on the subject of
yearly working
expenses.

John Cumbleton Colonel
Secy to the Govt of Mysore
P.W. dept

Bangalore
10/4/02

Rec'd
11 4 02

Memo
of the Repairs & maintenance
of the works
connected with the Bangalore
City Water Supply.

The Estimate for the
annual maintenance
of the Chamarajendra
Water Works for 1901-02
amounting to Rs 89,082
is an exceptionally high
one which is due to a
large number of special
repairs of a non-recurring
nature having to be
carried out. The Estimate
also includes entire cost
(Rs 10,728) of Executive
Engineers Establishment
but as that Establishment
is employed on many
other works besides the
Bangalore Water Supply,
I consider that not more
than 1/3 the cost - Viz
Rs 3,576 should be
charged against the
Municipality & I would
go further & omit the
entire charge as a
set off against Water
being supplied free

the Imperial Service Lines, Transport Lines, Jail, Public Offices Hospitals and all Government buildings this will reduce the estimate to Rs 78,356, but even this sum is far above the average expenditure owing to special repairs

The actual expenses for the last 4½ years have been

January 1897 to 30th June '98	52,401
From 1898 to 1899	43 441
1899 to 1900	54251
1900 to 1901	67079
	217172

Average per year Rs 48,260

The Estimate for 1901-02 may, I think be left out of the question as being quite exceptional.

An Estimate for annual maintenance for 1902-1903 has now been prepared and amounts to Rs 48,761. It is based on the expenditure in previous years (1901-02 being excepted) It also does not include cost of Executive Engineer's Establishment.

It may therefore be safely stated that annual cost of maintenance excluding special repairs will not exceed Rs 50,000 per annum, deducting amount payable by Cantt Authorities.

In addition to these yearly charges, there will periodically be special repairs & renewals, & there is also the renewal of the pipes. Engines &c to be taken into account. Ideal must therefore be an annual payment made in account of depreciation; in the Cantt Authority State this to be 1 per cent on the whole cost of the works, plus 2 per cent on cost of pipes plus 5 per cent on cost of Machinery & the Municipality pay for the Water at the rate & the Government [illegible] Receiving in the same manner for the city the payment on account [illegible]

vide G.O. no. 1718/ 3rd July 1895

5 per cent on 8 lakhs the sum to be paid by the Municipality = 8000

2 per cent on cost of pipes-
2 per cent on 1030044 = 20600
5 per cent on cost of machinery
5 per cent on 164900 = 8245
36,845

I am of opinion that 2 per cent on the cost of pipes is too much to allow for depreciation- vide Sir Shekhadam Iyer's remarks in para 21 of his note dated 18th February 1893 and I consider 1 per cent ample This would reduce that item to Rs 10,360.

The payments on account of depreciation would then amount to Rs 26,545 Of this sum I consider Govt Ought to provide 1/5 on account of the benefits received from the Water Supply. This would reduce the sum to be paid by the Municipality to Rs 21,236

The total payments to be made by the Municipality will

will therefore be:-

Annual repairs	50,000
Depreciation fund	21,236
	71,236

I consider that it should be settled that for a term of 5 years the Municipality shall pay a fixed sum of Rs 42,000 a year. Should the expenses in any year fall short of that sum the amount will be credited to Government. If it exceeds it, the amount will be paid by Government.

5 years should be the outside period for which the amount of the fixed payment should be made, as it is impossible to foresee to what extent the price of fuel may increase

The total cost of annual maintenance & depreciation in the Civil & Military Station is Rs 75,000 of which the Municipality pays 2/3rds or Rs 50,000 & the Government Rs 25,000 or 1/3 & do.

In Government order No. 141 dated 3½ July I it is laid down th

8 lakhs of the Capital
expenditure should be
charged to the Municipality
& interest levied at-
3½ per cent which would
mean a yearly payment
of Rs 32,000 - this added
to the figure I have given,
would bring the total
payment to be made
by the Municipality
to Rs 1,04,000 which I
believe is quite beyond
its means, & I think
there is no alternative
but to force the Municipality
from all payments
on account of Capital
cost But I would still
make them pay 1 per cent
on 8 lakhs towards
the cost of special repairs.

I understand that the
Municipality has made
no payments to Govern-
ment as yet on account
of the Water Supply and
that Rs 2, 17, 858-11-7
is due to Govt & the
Commissioners request
that a further sum of
Rs 32,995 being the

excess of annual
expenses of water Supply
over the estimated
revenue be remitted.
This will make the total
sum from which the
Municipality is to be
exempted Rs 2,50,783,
and I cannot see that
there is any alternative open to
the Government, but
I think that a yearly
sum of Rs 72,000 should
be rigidly exacted from
the Municipality in
future & no excuses
for non payment
accepted, & it must
make such arrangement
that the money is
forthcoming without
fail.

The proposals in the
Memo are extremely
liberal; not only is
the Municipality exempt
from all payments
on account of the
Capital cost of the
Water works but also
the whole of the main-
-tenance charges for the
first 4½ years and

I have no means of comparing the cost of Water Supply to the Bangalore City with those in other places as I know of no town where the circumstances are similar but from what I have already written it will be seen that the annual Charges for Maintenance are favorable as compared with those of the Civil and Military station being Rs 16,546 against Rs 75,000 (Executive Engineer, Establishment omitted in both cases) when it is remembered that the City works are more scattered than the Civil and Military ones

The population of the City may be taken at Rs 80,000 and Rs 12,000 represents a payment of Rs .9 or 14 4 annas per head and for this sum each person receives

receives 10 gallons per
day, the cost per gallon
is therefore about 1/20 th
pie - that is each
person has delivered
almost at his door
10 ordinary chatties
(taken to hold 2 gallons)
or 2 days supply for one
person for 1 pie & I
do not think this can
be considered exorbitant

From note dated
11-2-1902 from the
3rd Councillor, it
appears that the
estimated municipal
revenue on account
of water tax is
Rs 18,000 only. This
seems extraordinarily
low, & shows that
the actual charge
for water is only Rs. 21
or 3.36 as per head,
per annum & as
each person is allowed
10 gallons per day,
it means that each
gallon costs 1/90 pie &
90 gallons that is also
45 chatties or 9 days

supply for each person is provided for 1 pie I doubt if it was possible to obtain water so cheaply before the water supply was introduced except perhaps in exceptional cases where the source of supply was within a few yards of the door.

In the Civil and Military Station the water tax is 6 per cent of the rental value, in the city it is only 3 per cent, if it were increased to only 5 per cent the receipts would be Rs 30,000 & the total amount available for the water supply would then be

Octroi	Rs 17,130
Halls	21,000
Water tax	30,000
	68,130

In addition to this there is the receipt from excess water

used by pawaks
parties, the yearly
average of which is
Rs 2000 bringing the
total receipts to
Rs 70,130, and I should
say there will be no
difficulty in raising
the remaining Rs 2000.

Jno. Campbell Colonel,
Chief Engineer of Mysore.

Bangalore
10/4/1023

L 134

(General Serial No. 30.)

1902

From

The Chief Engineer
of Mysore

To

The Secretary to Govt.
General & Rev: Depts.

Dated 13-2-1902.

Despatched

Received

General No. 659 ——— } 190
No. /

Enclosures Number. /

Forwarding detailed statement of actual outlay incurred during 1900-1901 the maintenance of Chamraj Water Works.

To the Asstt Secy

This may be submitted to the Dewan with the file & sent back to me with the papers for being dealt with further.

14/3

Submitted

The file was returned with Dewan's order on 18.3.02.

19.3.02

The office memo and the estimate for 01-1902 from the Chief Engineer have been transferred to the Secy P.W.D for his opinion in regard to the reduction of maintenance charges of water works called for by the Dewan

Ord 23/3/02

Ord 27/3/1902

Await Ch Engr's reply

P.W. Secy's reply

4/4

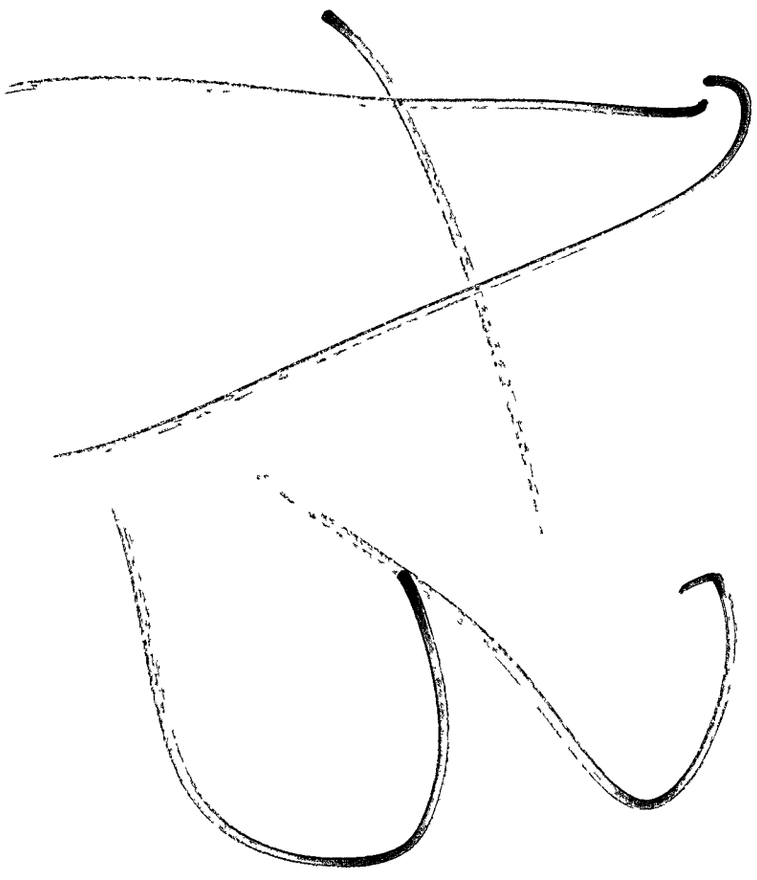
L 7
17.2.02

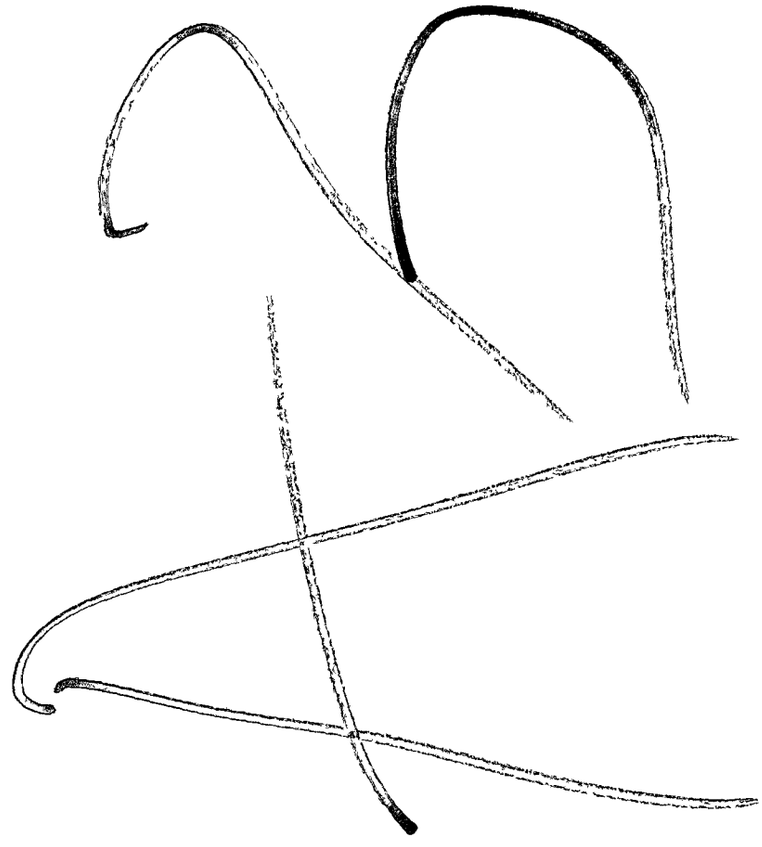
Submitted. The previous papers are now pending with the Dewan. They also be resubmitted for continuation.

Ord 3/3/02

Subd to Secy.

12/3/1902





37

17465
L.737-99 / 30/4/02

To

The President of the
Municipal Council
Bangalore City

Present
File No. 261/8

Has the honour to
forward herewith for the favourable
President's opinion copy
of the Chief Engineer's
memo dated the 10th
April 1902 in regard
to the maintenance charges
of the Chamarajendra
Water works, Bangalore City
"By order"

[illegible]
26/4/1902
for

2563/1897

Office of the Municipal Commission,

City, Bangalore, September 4th 1902.

(35)

No 64
Encls. 2
From

THE PRESIDENT,
Municipal Commission,
BANGALORE CITY.

To

THE SECRETARY TO THE GOVERNMENT OF MYSORE,
General and Revenue Departments,
BANGALORE.

Sir,

With reference to your docket No 17465/L.F.37-99 dated the 30th April 1902 forwarding for opinion copy of the Chief Engineer's Memo dated the 10th April 1902 in regard to the Maintenance charges of the Chamarajendra Water Works and Subsequent reference noted in the margin, I have the honor to state that the Question was fully discussed by the Board at the meeting of the 28th August 1902 with the effect that a resolution

R.L.176

w.r. 622/L.F.37-99 dated the 12th July 1902
w.r. 1886/L.F.37-99 dated the 30 July 1902
w.r. 2839/L.F.37-1899 dated the 28th August 1902

passed expressing their inability to pay towards the Water Works anything more than a lump-sum Annual Contribution of Rs 30,000/- as already decided by them at the adjourned Special Meeting of the 28th June last.

Copies of resolutions passed on the 28th June and 28th August 1902 are herewith submitted for favorable orders of Government.

I have the honor to be

Sir,

Your most Obedient Servant,

PRESIDENT, MUNICIPAL COMMISSION,
BANGALORE CITY.

Extract from the Proceedings of the Adjourned Special Meeting of the Board held on 28th June 1902

2. Docket No. 18677—L. F. 11-1901, dated the 29th May 1902, from the Secretary to the Government of Mysore in the General and Revenue Departments, calling for the immediate submission of the revised budget for the current year as also the budget for the ensuing year, prepared as per instructions laid down in para 21 of the Government Proceedings No. 9938-42—L. F. 11-01, dated the 21st December 1901.

Proposed by Mr. Krishna Murti and seconded by Mr. Venkatachar that Government should not be asked to relieve the Municipality of the Educational charges. The motion was put to the meeting and was lost, only three being in favor of it. Proposed by Mr. Aga Abdulla Saheb and seconded by Mr. Veerabhadra Chetty that the proposals of the Sub-Committee to reduce the pay of the Municipal Executive Engineer should not be accepted. This proposal was also lost—only three having voted for it.

Then the question of accepting the Sub-Committee's report containing certain proposals for the reduction of establishment was put before the Board. It was accepted by the majority and it was accordingly resolved to forward the same to Government with the following observation:—

The Board would, in accepting the report of the Sub-Committee, respectfully represent to Government that even after making the utmost reduction possible, they are not in a position to meet the sum of Rs. 56,000 on account of water charges. They, however, think that a sum of Rs. 25,000 or Rs. 30,000 could be paid, but even this will impair the efficient working of some of the Departments.

Sd/. H. H Sparkes

President.

'Extract'

PRESIDENT, MUNICIPAL COMMISSION,
BANGALORE CITY.

Extract from the proceedings of the Ordinary Meeting of the Board held on 28th August 1902.

2. Docket No. 17465—L. F. 37-99, dated the 30th April 1902, from the Government of Mysore in the General and Revenue Departments forwarding for opinion copy of the Chief Engineer's memo dated the 10th April 1902 regarding the maintenance charges of the Chamarajendra water works. to the

Resolved that Government be requested to refer to the resolution arrived at during the Adjourned Special Meeting of the 28th June 1902 viz, that the Board have accepted the proposals of the Sub-Committee that a maximum of Rs 30,000/- annually be paid to Government as the Board cannot see their way to pay more.

Sd/- H. H

President

'Extract'

PRESIDENT, MUNICIPAL COMMISSION.
BANGALORE CITY.